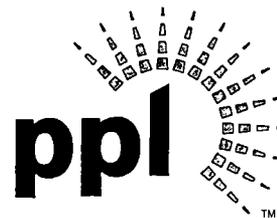


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APR 28 2015

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

10 CFR 50.36a

**SUSQUEHANNA STEAM ELECTRIC STATION
RADIOACTIVE EFFLUENT RELEASE REPORT
AND OFFSITE DOSE CALCULATION MANUAL
PLA-7322**

**Docket Nos. 50-387
and 50-388**

In accordance with 10 CFR 50.36a (a)(2) and the Susquehanna Steam Electric Station (SSES) Units 1 and 2 Technical Specification (TS) 5.6.3, attached is the annual Radioactive Effluent Release Report for SSES Units 1 and 2 for the period covering January 1 through December 31, 2014. Additionally, in accordance with TS 5.5.1.C.3, attached is a copy of the Offsite Dose Calculation Manual as revised through December 31, 2014.

Should you have any questions or require additional information, please contact Mr. Jeffery N. Grisewood, Manager – Nuclear Regulatory Affairs at (570) 542-1330.

There are no regulatory commitments identified in this letter.

J. A. Franke

- Attachment 1: Radioactive Effluent Release Report for SSES Units 1 and 2
- Attachment 2: Offsite Dose Calculation Manual

- Copy:
- Mr. D. J. Allard, PA DEP/BRP (Hard Copy and CD)
 - Mr. W. M. Dean, NRC Region I, Regional Administrator (Hard Copy)
 - Mr. J. E. Greives, NRC Sr. Resident Inspector (CD)
 - Ms. T. Lewis, PA DEP/BRP (CD)
 - Mr. R. Maiers, PA DEP/BRP (CD)
 - Mr. W. Nestel, INPO (CD)
 - Mr. C. Graves, NRC Region I, Health Physicist (CD)
 - Ms. D. Russo, ANI (CD)
 - Mr. J. A. Whited, NRC Project Manager (Hard Copy)
 - Mr. L. J. Winker, PA DEP/BRP (CD)

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